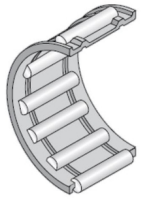
# Technical datasheet

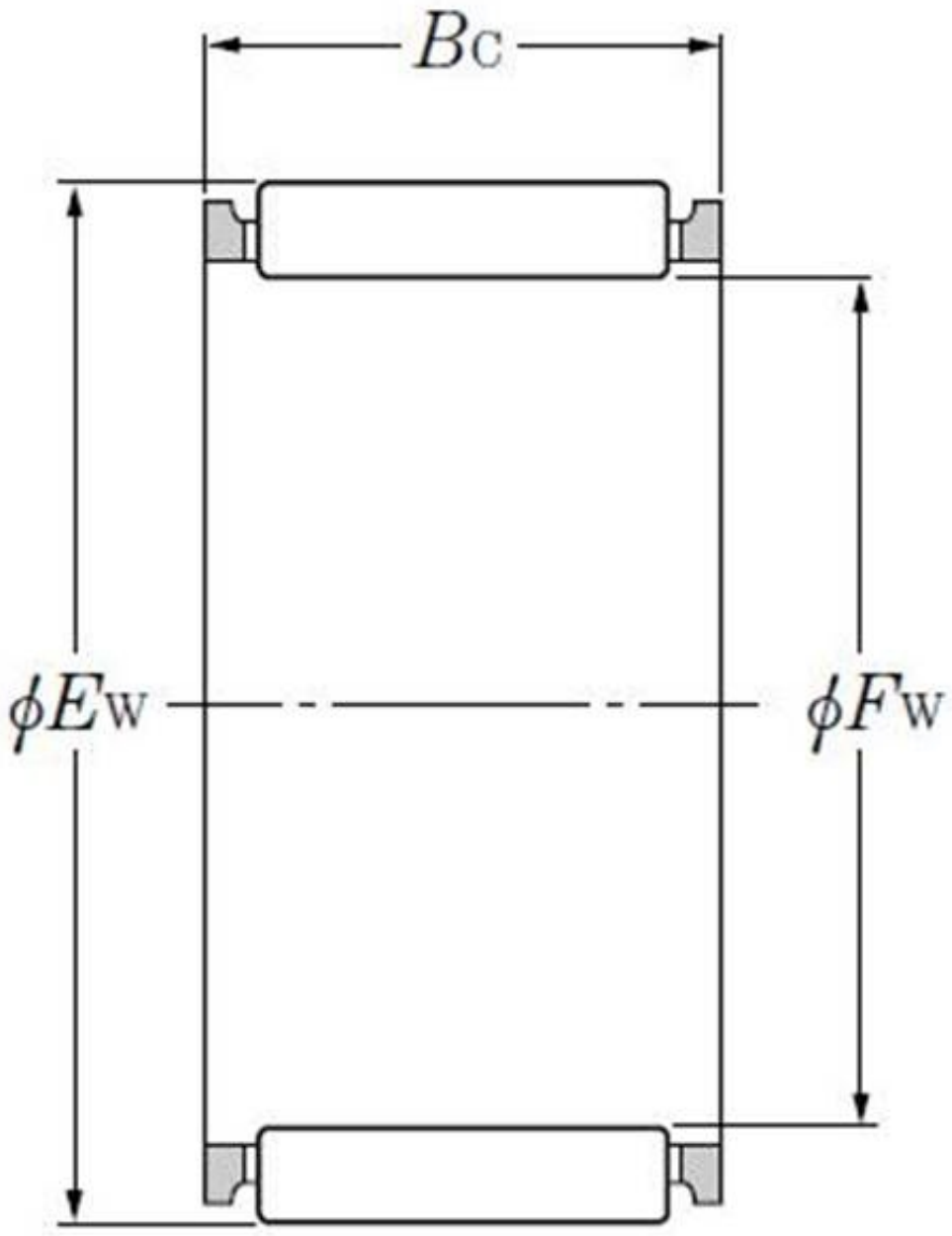
## K42X47X17

Needle roller and cage assemblies



Needle roller bearing, cage assembly, steel cage

## Visual(s)



## Product definition

| | |
|---|---|
| **Fw** | 42 mm |
| **Ew** | 47 mm |
| **Bc** | 17 mm |
| **Dw** | 2.5 mm |
| **Lw** | 13.8 mm |
| **Mass** | 0.03 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Cr** | 22.1 kN |
| **C0r** | 43 kN |
| **Nlim (grease)** | 6,500 rpm |
| **Nlim (oil)** | 9,500 rpm |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.47 Hz |
| **Characteristic rolling element frequency, BSF** | 17.74 Hz |
| **Characteristic outer ring frequency, BPF0** | 14.63 Hz |
| **Characteristic inner ring frequency, BPFI** | 16.37 Hz |

## Abutment dimensions

| | |
|---|---|
| **b** | 17 mm |